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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,024	10/19/2001	Ercan E. Kuruoglu	110915	7124

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OLIFF & BERRIDGE, PLC.
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER

PAULA, CESAR B

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 03/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/982,024	KURUOGLU ET AL.	
	Examiner	Art Unit	
	CESAR B. PAULA	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>1/02</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the amendment filed on 11/10/2004.

This action is made Final.

2. In the amendment, claims 1-14 are pending in the case. Claims 1, and 8 are independent claims.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 1/2/2002 has been entered, and considered by the examiner (including EPO ref. 0 902 379 A2). However, US Pat. Application has not been considered. Please submit an IDS with the corresponding USPG Pub application number for consideration purposes.

Drawings

4. The drawings filed on 10/19/2001 have been approved by the examiner.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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6. Claims 1-5, and 8-12 remain rejected under 35 U.S.C. 102(b) as being anticipated by Mahoney et al, hereinafter Mahoney (Pat.# 5,659,639 , 8/19/1997).

Regarding independent claim 1, Mahoney discloses receiving a document with an input image set, with editing marks via a scanner—*capturing an image of a document* -- (col. 12, lines 18-30, 48-67).

Moreover, Mahoney discloses a scanner for detecting or distinguishing editing marks from a graphical feature in the document—*detecting the annotations which were made to the document before or prior to capture* -- (col. 12, lines 18-30, 48-67, col.14, lines 46-59, fig.4).

Furthermore, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks, have been performed—*generating a summary of a document by extracting portions of the image document identified by the detected annotations* -- (col. 12, lines 1-30, 48-67, col.14, lines 46-59, fig.1, 4). In other words, the portions of the document are extracted by deleting portions indicated by the detected editing marks. Only the extracted portion of the document is presented to the user.

Regarding claim 2, which depends on claim 1, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made on the same document, have been performed—*generating a summary of a document based on the detected annotations* -- (col. 12, lines 1-30, 48-67, col.14, lines 46-59, fig.1, 4).

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Regarding claim 3, which depends on claim 1, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made on a different overlay document, have been performed (col. 12, lines 1-30, 48-67, col.14, lines 16-45, fig.1, 4).

Regarding claim 4, which depends on claim 1, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made on a different overlay document—*annotations in the first document*--, have been performed (col. 12, lines 1-30, 48-67, col.14, lines 16-45, fig.1, 4).

Regarding claim 5, which depends on claim 1, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made next to that feature—*image region associated with a detected annotation*-- (col. 11, lines 40-col.12, lines 30, 48-67, col.14, lines 46-59, fig.1, 4).

Claims 8-12 are directed towards a method for implementing the system found in claims 1-5 respectively, and therefore are similarly rejected.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to

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a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 6-7, and 13-14 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Mahoney, in view of Kurosawa et al, hereinafter Kurosawa (Pat. # 6,751,779 B1, 6/15/04, filed on 3/20/2000).

Regarding claim 6, which depends on claim 5, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made next to that feature—*image region associated with a detected annotation* -- (col. 11, lines 40-col.12, lines 30, 48-67, col.14, lines 46-59, fig.1, 4). Mahoney fails to explicitly disclose: *the image region represents a sentence in the document image to provide context for the identified annotation*. However, Kurosawa teaches the deleting of a series of characters located in document lines, by a user crossing out the lines to be canceled or deleted from a document (col.15, lines 3-57, fig. 19, 26), where the marked-up character series indicate what is to be canceled or providing context for the marks. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combined Mahoney, and Kurosawa, because Kurosawa teaches the reducing of burdens put upon an editor of a document, by using simple operations (col. 1, lines 59-67, and col.2, lines 28-53).

Regarding claim 7, which depends on claim 1, Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks made next to that feature- (col. 11, lines 40-col.12, lines 30, 48-67, col.14, lines 46-59, fig.1, 4). Mahoney fails to explicitly disclose: *a summary comprising portions*

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which are selectively expandable to increase the information in that portion of the summary.

However, Kurosawa teaches the inserting of a series of characters located in document lines into a document (col.6, lines 40-67). It would have been obvious to a person of ordinary skill in the art at the time of the invention to combined Mahoney, and Kurosawa, because Kurosawa teaches the reducing of burdens put upon an editor of a document, by using simple operations (col. 1, lines 59-67, and col.2, lines 28-53).

Claims 13-14 are directed towards a method for implementing the system found in claims 6-7 respectively, and therefore are similarly rejected.

Response to Arguments

9. Applicant's arguments filed 11/10/2004 have been fully considered but they are not persuasive. Applicants submit that Mahoney does not teach or suggest extracting portions of the document and generating a summary of the extracted portion, as set forth in claims 1 and 8 (pages 5-6). The Examiner disagrees, because Mahoney discloses the output of an version of the scanned document in which the editing operation, such as deleting a feature using the editing marks, have been performed—*generating a summary of a document based on the detected annotations by extracting portions of the image document identified by the detected annotations* - (col. 12, lines 1-30, 48-67, col.14, lines 46-59, fig.1, 4). In other words, the portions of the document are extracted by deleting portions indicated by the detected editing marks. Only the extracted portion of the document is presented to the user.

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Furthermore, Regarding claims 6-7, and 13-14, Applicants submit that Kurosawa does not teach or suggest generating a summary only including the extracted portion of a document, as set forth in claims 1 and 8 (pages 5-6). Applicants are directed to the rationale set forth above regarding this newly added amendment.

Conclusion

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

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I. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (571) 272-4128. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (571) 272-4124. However, in such a case, please allow at least one business day.

Any response to this Action should be mailed to:

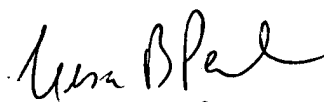
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- (703) 703-872-9306, (for all Formal communications intended for entry)


CESAR PAULA
PRIMARY EXAMINER

3/10/05